WEST Search History

DATE: Friday, June 27, 2003

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ			
L7	L6 NOT L5	24	L7
L6	LUCHE.IN.	31	L6
L5	L3 AND L2	19	L5
L4	L3 NOT L2	33	L4
L3	L1 with MAP$	52	L3
L2	L1 with human	52	L2
L1	dual near3 phosphatase	216	L1

END OF SEARCH HISTORY

WEST

Generate Collection | Print

Search Results - Record(s) 1 through 10 of 19 returned.

☐ 1. Document ID: US 20030119045 A1

L5: Entry 1 of 19 File: PGPB Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030119045
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030119045 A1

TITLE: DSP-9 dual-specificity phosphatase

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Luche, Ralf M.	Seattle	WA	US	
Wei, Bo	Kirkland	WA	US	

US-CL-CURRENT: 435/6; 424/146.1, 435/196, 435/320.1, 435/69.1, 435/7.2, 435/91.2, 514/44, 530/388.26, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 2. Document ID: US 20030083285 A1

L5: Entry 2 of 19 File: PGPB May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030083285
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030083285 A1

TITLE: ANTISENSE INHIBITION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cowsert, Lex M.	San Mateo	CA	US	
Monia, Brett P.	Encinitas	CA	US	

US-CL-CURRENT: 514/44; 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 3. Document ID: US 20030060437 A1

L5: Entry 3 of 19 File: PGPB Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030060437

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030060437 A1

TITLE: Antisense modulation of dual specific phosphatase 5 expression

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Monia, Brett P.	La Costa	CA	US	
Watt, Andrew T.	Vista	CA	US	

US-CL-CURRENT: 514/44; 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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☐ 4. Document ID: US 20020182203 A1

L5: Entry 4 of 19 File: PGPB Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020182203
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020182203 A1

TITLE: DSP-15 dual-specificity phosphatase

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Luche, Ralf M.	Seattle	WA	US	
Wei, Bo	Kirkland	WA	US	

US-CL-CURRENT: 424/94.6; 435/196, 435/320.1, 435/325, 435/69.1, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

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☐ 5. Document ID: US 20020151007 A1

L5: Entry 5 of 19 File: PGPB Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020151007
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020151007 A1

TITLE: Methods of use of a novel lysyl oxidase-related protein

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Khodadoust, Mehran M.	Brookline	MA	US	
MacBeth, Kyle J.	Boston	MA	US	

US-CL-CURRENT: 435/183; 435/320.1, 435/325, 435/69.1, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

☐ 6. Document ID: US 20020137170 A1

L5: Entry 6 of 19 File: PGPB Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020137170
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020137170 A1

TITLE: DSP-16 dual-specificity phosphatase

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Luche, Ralf M.	Seattle	WA	US	
Wei, Bo	Kirkland	WA	US	

US-CL-CURRENT: 435/196; 435/320.1, 435/325, 435/69.1, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

☐ 7. Document ID: US 20020102693 A1

L5: Entry 7 of 19 File: PGPB Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102693
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020102693 A1

TITLE: DSP-14 dual-specificity phosphatase

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Luche, Ralf M.	Seattle	WA	US	

US-CL-CURRENT: 435/196; 435/320.1, 435/325, 435/69.1, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

☐ 8. Document ID: US 20020090703 A1

L5: Entry 8 of 19 File: PGPB Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020090703
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020090703 A1

TITLE: Mammalian protein phosphatases

PUBLICATION-DATE: July 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Plowman, Gregory D.	San Carlos	CA	US	
Martinez, Ricardo	Foster City	CA	US	
Whyte, David	Belmont	CA	US	
Manning, Gerard	Menlo Park	CA	US	
Sudarsanam, Sucha	Greenbrae	CA	US	
Caenepeel, Sean	Oakland	CA	US	
Hill, Ron	Burlingame	CA	US	
Flanagan, Peter	San Francisco	CA	US	

US-CL-CURRENT: 435/196; 435/320.1, 435/325, 435/69.1, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

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☐ 9. Document ID: US 20020065406 A1

L5: Entry 9 of 19 File: PGPB May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020065406
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020065406 A1

TITLE: 18221, a novel dual specificity phosphatase and uses thereof

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Meyers, Rachel A.	Newton	MA	US	

US-CL-CURRENT: 536/23.1; 435/196, 435/6

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

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☐ 10. Document ID: US 20020034807 A1

L5: Entry 10 of 19 File: PGPB Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020034807
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020034807 A1

TITLE: 38692 and 21117, novel dual specificity phosphatase molecules and uses therefor

PUBLICATION-DATE: March 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Meyers, Rachel A.	Newton	MA	US	

US-CL-CURRENT: 435/196; 435/325, 435/6, 435/69.1, 435/7.1, 514/44, 530/388.1, 536/23.2

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Terms	Documents
L3 AND L2	19

Display Format: - Change Format

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Search Results - Record(s) 11 through 19 of 19 returned.

☐ 11. Document ID: US 20010049358 A1

L5: Entry 11 of 19 File: PGPB Dec 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010049358
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010049358 A1

TITLE: DSP-12 and DSP-13 dual-specificity phosphatases

PUBLICATION-DATE: December 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Luche, Ralf M.	Seattle	WA	US	
Wei, Bo	Kirkland	WA	US	

US-CL-CURRENT: 514/12; 435/196, 435/325, 435/6, 435/69.1, 435/7.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

☐ 12. Document ID: US 6566133 B1

L5: Entry 12 of 19 File: USPT May 20, 2003

US-PAT-NO: 6566133
DOCUMENT-IDENTIFIER: US 6566133 B1

TITLE: Antisense inhibition of dual specific phosphatase 9 expression

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

☐ 13. Document ID: US 6551810 B1

L5: Entry 13 of 19 File: USPT Apr 22, 2003

US-PAT-NO: 6551810
DOCUMENT-IDENTIFIER: US 6551810 B1

TITLE: DSP-10 dual-specificity phosphatase

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

☐ 14. Document ID: US 6548743 B1

L5: Entry 14 of 19 File: USPT Apr 15, 2003

US-PAT-NO: 6548743
DOCUMENT-IDENTIFIER: US 6548743 B1

TITLE: Transgenic plants expressing a dual-specificity MAPK phosphatase and uses thereof

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

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☐ 15. Document ID: US 6492157 B1

L5: Entry 15 of 19 File: USPT Dec 10, 2002

US-PAT-NO: 6492157
DOCUMENT-IDENTIFIER: US 6492157 B1

TITLE: DSP-9 dual-specificity phosphatase

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

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☐ 16. Document ID: US 6482644 B1

L5: Entry 16 of 19 File: USPT Nov 19, 2002

US-PAT-NO: 6482644
DOCUMENT-IDENTIFIER: US 6482644 B1

TITLE: Antisense modulation of dual specific phosphatase 8 expression

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

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☐ 17. Document ID: US 6420153 B1

L5: Entry 17 of 19 File: USPT Jul 16, 2002

US-PAT-NO: 6420153
DOCUMENT-IDENTIFIER: US 6420153 B1

TITLE: 18232, a novel dual specificity phosphatase and uses therefor

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

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☐ 18. Document ID: US 6300092 B1

L5: Entry 18 of 19 File: USPT Oct 9, 2001

US-PAT-NO: 6300092
DOCUMENT-IDENTIFIER: US 6300092 B1
**** See image for Certificate of Correction ****

TITLE: Methods of use of a novel lysyl oxidase-related protein

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments KWIC | Draw Desc | Image

☐ 19. Document ID: US 5998188 A

L5: Entry 19 of 19 File: USPT Dec 7, 1999

US-PAT-NO: 5998188
DOCUMENT-IDENTIFIER: US 5998188 A

TITLE: Mitogen activated protein kinase phosphatase cDNAS and their biologically active expression products

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments

KWIC | Draw Desc | Image

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Terms	Documents
L3 AND L2	19

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NEWS 4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
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NEWS 14	Nov 25	More calculated properties added to REGISTRY
NEWS 15	Dec 04	CSA files on STN
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NEWS 17	Dec 17	TOXCENTER enhanced with additional content
NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 20	Feb 13	CANCERLIT is no longer being updated
NEWS 21	Feb 24	METADEX enhancements
NEWS 22	Feb 24	PCTGEN now available on STN
NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 20	EVENTLINE will be removed from STN
NEWS 28	Mar 24	PATDPAFULL now available on STN
NEWS 29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 30	Apr 11	Display formats in DGENE enhanced
NEWS 31	Apr 14	MEDLINE Reload
NEWS 32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 33	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 35	Apr 28	RDISCLOSURE now available on STN
NEWS 36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39	May 16	CHEMREACT will be removed from STN
NEWS 40	May 19	Simultaneous left and right truncation added to WSCA
NEWS 41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 42	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 43	Jun 06	PASCAL enhanced with additional data
NEWS 44	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 45	Jun 25	HSDB has been reloaded

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=> S DUAL (5A) PHOSPHATASE
L1          3545 DUAL (5A) PHOSPHATASE

=> S L1 (5A) MAP?
L2           590 L1 (5A) MAP?
```

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=> S L2 AND HUMAN
   9 FILES SEARCHED...
L3          229 L2 AND HUMAN

=> S L3 (5A)(DNA OR RECOMBINANT OR GENE?)
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L25 (5A)(DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L26 (5A)(DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L27 (5A)(DNA'
   3 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L28 (5A)(DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29 (5A)(DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L30 (5A)(DNA'
   6 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L31 (5A)(DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L32 (5A)(DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L33 (5A)(DNA'
   9 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L34 (5A)(DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L35 (5A)(DNA'
L4          188 L3 (5A)(DNA OR RECOMBINANT OR GENE?)

=> S L3 (5A)(DNA OR RECOMBINANT OR GEN? OR NUCLE?)
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FIELD CODE - 'AND' OPERATOR ASSUMED 'L25 (5A)(DNA'
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FIELD CODE - 'AND' OPERATOR ASSUMED 'L26 (5A)(DNA'
   2 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L27 (5A)(DNA'
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FIELD CODE - 'AND' OPERATOR ASSUMED 'L28 (5A)(DNA'
   4 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29 (5A)(DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L30 (5A)(DNA'
   6 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L31 (5A)(DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L32 (5A)(DNA'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L33 (5A)(DNA'
   9 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L34 (5A)(DNA'
  10 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L35 (5A)(DNA'
L5          203 L3 (5A)(DNA OR RECOMBINANT OR GEN? OR NUCLE?)

=> DUP REM L5
PROCESSING COMPLETED FOR L5
L6           67 DUP REM L5 (136 DUPLICATES REMOVED)

=> D 1-10

L6   ANSWER 1 OF 67     MEDLINE                          DUPLICATE 1
```

AN 2003030962 MEDLINE
DN 22425985 PubMed ID: 12538000
TI Glucocorticoids induce rapid up-regulation of mitogen-activated protein kinase phosphatase-1 and dephosphorylation of extracellular signal-regulated kinase and impair proliferation in **human** and mouse osteoblast cell lines.
AU Engelbrecht Y; de Wet H; Horsch K; Langeveldt C R; Hough F S; Hulley P A
CS Endocrinology and Metabolism Unit, Department of Internal Medicine, University of Stellenbosch, Tygerberg 7505, Cape Town, South Africa.
SO ENDOCRINOLOGY, (2003 Feb) 144 (2) 412-22.
Journal code: 0375040. ISSN: 0013-7227.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200302
ED Entered STN: 20030123
Last Updated on STN: 20030214
Entered Medline: 20030213

L6 ANSWER 2 OF 67 MEDLINE DUPLICATE 2
AN 2003179794 MEDLINE
DN 22533215 PubMed ID: 12646169
TI LPS regulate ERK1/2-dependent signaling in cardiac fibroblasts via PKC-mediated MKP-1 induction.
AU Stawowy Philipp; Goetze Stephan; Margeta Christian; Fleck Eckart; Graf Kristof
CS Department of Medicine/Cardiology, Deutsches Herzzentrum Berlin, Augustenburger Platz 1, D-13353 Berlin, Germany.
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2003 Mar 28) 303 (1) 74-80.
Journal code: 0372516. ISSN: 0006-291X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200305
ED Entered STN: 20030418
Last Updated on STN: 20030523
Entered Medline: 20030522

L6 ANSWER 3 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2002:256483 HCAPLUS
DN 136:290009
TI Protein and cDNA sequences of a novel **human** protein DSP-16 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 87 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002026997	A2	20020404	WO 2001-US30124	20010925
WO 2002026997	A3	20030109		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2001094744	A5	20020408	AU 2001-94744	20010925
US 2002137170	A1	20020926	US 2001-964277	20010925

PRAI US 2000-235487P P 2000[redacted]6
WO 2001-US30124 W 20010925

L6 ANSWER 4 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2002:240816 HCAPLUS
DN 136:274309
TI Protein and cDNA sequences of the novel protein DSP-15 from **human** and mouse, with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 91 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002024740	A2	20020328	WO 2001-US29406	20010919
WO 2002024740	A3	20021205		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2002182203	A1	20021205	US 2001-955732	20010918
AU 2001091146	A5	20020402	AU 2001-91146	20010919

PRAI US 2000-233833P P 20000919
US 2001-955732 A 20010918
WO 2001-US29406 W 20010919

L6 ANSWER 5 OF 67 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 3
AN 2002:434361 BIOSIS
DN PREV200200434361
TI A novel **dual** specificity **phosphatase** SKRP1 interacts with the **MAPK** kinase MKK7 and inactivates the JNK MAPK pathway. Implication for the precise regulation of the particular MAPK pathway.
AU Zama, Takeru; Aoki, Ryoko; Kamimoto, Takahiro; Inoue, Koichi; Ikeda, Yasuo; Hagiwara, Masatoshi (1)
CS (1) Functional Genomics Dept., Medical Research Institute, Tokyo Medical and Dental University, 1-5-45 Yushima, Bunkyo-ku, Tokyo, 113-8510: m.hagiwara.end@mri.tmd.ac.jp Japan
SO Journal of Biological Chemistry, (June 28, 2002) Vol. 277, No. 26, pp. 23909-23918. http://www.jbc.org/. print.
ISSN: 0021-9258.
DT Article
LA English

L6 ANSWER 6 OF 67 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.
AN 2002341235 EMBASE
TI MAP kinase phosphatases.
AU Theodosiou A.; Ashworth A.
CS A. Ashworth, Breakthrough Breast Cancer Res. Ctr., Institute of Cancer Research, Fulham Road, London SW3 6JB, United Kingdom. alana@icr.ac.uk
SO Genome Biology, (2002) 3/7 (3009.1-3009.10).
Refs: 68
ISSN: 1465-6906 CODEN: GNBLFW
CY United Kingdom
DT Journal; General Review
FS 029 Clinical Biochemistry
LA English
SL English

L6 ANSWER 7 OF 67 MEDLINE DUPLICATE 4

AN 2002075845 MEDLINE
DN 21659740 PubMed ID: 11711538
TI Two clusters of residues at the docking groove of mitogen-activated protein kinases differentially mediate their functional interaction with the tyrosine phosphatases PTP-SL and STEP.
AU Tarrega Celine; Blanco-Aparicio Carmen; Munoz Juan Jose; Pulido Rafael
CS Instituto de Investigaciones Citologicas, Amadeo de Saboya, 4, 46010 Valencia, Spain.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jan 25) 277 (4) 2629-36.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200202
ED Entered STN: 20020125
Last Updated on STN: 20030105
Entered Medline: 20020225

L6 ANSWER 8 OF 67 MEDLINE DUPLICATE 5
AN 2002114838 MEDLINE
DN 21839834 PubMed ID: 11850813
TI ATM-dependent activation of the **gene** encoding MAP kinase phosphatase 5 by radiomimetic **DNA** damage.
AU Bar-Shira Anat; Rashi-Elkeles Sharon; Zlochover Liat; Moyal Lilach; Smorodinsky Nechama I; Seger Rony; Shiloh Yosef
CS The David and Inez Myers Laboratory for Genetic Research, Department of Human Genetics and Molecular Medicine, Sackler School of Medicine, Tel Aviv University, Tel Aviv 69978, Israel.
NC R01 NS31763 (NINDS)
SO ONCOGENE, (2002 Jan 24) 21 (5) 849-55.
Journal code: 8711562. ISSN: 0950-9232.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200202
ED Entered STN: 20020219
Last Updated on STN: 20020228
Entered Medline: 20020227

L6 ANSWER 9 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:816882 HCAPLUS
DN 135:353855
TI Protein and cDNA sequences of a novel **human** protein DSP-14 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001083723	A2	20011108	WO 2001-US14076	20010501
WO 2001083723	A3	20020502		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2002102693	A1	20020801	US 2001-847519	20010501
PRAI US 2000-201322P	P	20000502		

L6 ANSWER 10 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:582056 HCAPLUS
DN 135:163437
TI Protein and cDNA sequences of novel **human** proteins DSP-12 and DSP-13 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 81 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001057221	A2	20010809	WO 2001-US3429	20010201
	WO 2001057221	A3	20020321		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 2001049358	A1	20011206	US 2001-775925	20010201
PRAI	US 2000-179886P	P	20000202		

=> D 11-20

L6 ANSWER 11 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:64167 HCAPLUS
DN 134:126840
TI Protein and cDNA sequences of a novel **human** protein DSP-11 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001005983	A1	20010125	WO 2000-US19710	20000719
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1200602	A1	20020502	EP 2000-950452	20000719
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	JP 2003517293	T2	20030527	JP 2001-511195	20000719
PRAI	US 1999-144557P	P	19990720		
	WO 2000-US19710	W	20000719		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 12 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:31658 HCAPLUS

DN 134:96286
TI Protein and cDNA sequences of a novel **human** and mouse protein DSP-3 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001002582	A1	20010111	WO 2000-US18207	20000629
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	WO 2000060092	A2	20001012	WO 2000-US9185	20000407
	WO 2000060092	A3	20010104		
	WO 2000060092	C2	20020829		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	WO 2001002581	A1	20010111	WO 2000-US10868	20000420
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1196598	A1	20020417	EP 2000-943359	20000629
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRAI US 1999-142338P P 19990702
WO 2000-US9185 A 20000407
WO 2000-US10868 A 20000420
US 1999-128225P P 19990407
WO 2000-US18207 W 20000629
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 13 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:31657 HCAPLUS
DN 134:96285
TI Protein and cDNA sequences of a novel **human** protein DSP-3 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

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     PATENT NO.          KIND  DATE           APPLICATION NO.  DATE
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PI   WO 2001002581       A1    20010111       WO 2000-US10868  20000420
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             ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
             LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
             SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,
             ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
             DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
             CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     WO 2000060092       A2    20001012       WO 2000-US9185   20000407
     WO 2000060092       A3    20010104
     WO 2000060092       C2    20020829
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,
             CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
             ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
             LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
             SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,
             ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
             DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
             CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     WO 2001002582       A1    20010111       WO 2000-US18207  20000629
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,
             CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
             ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
             LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
             SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,
             ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
             DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
             CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     EP 1196598          A1    20020417       EP 2000-943359   20000629
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO
PRAI US 1999-142338P     P     19990702
     WO 2000-US9185      A     20000407
     US 1999-128225P     P     19990407
     WO 2000-US10868     A     20000420
     WO 2000-US18207     W     20000629
RE.CNT  3      THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6   ANSWER 14 OF 67      MEDLINE
AN   2001685038      MEDLINE
DN   21588258    PubMed ID: 11591707
TI   An early growth response protein (Egr) 1 cis-element is required for
     gonadotropin-releasing hormone-induced mitogen-activated protein kinase
     phosphatase 2 gene expression.
AU   Zhang T; Wolfe M W; Roberson M S
CS   Department of Biomedical Sciences, College of Veterinary Medicine, Cornell
     University, Ithaca, New York 14853, USA.
NC   HD34722 (NICHD)
SO   JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Dec 7) 276 (49) 45604-13.
     Journal code: 2985121R. ISSN: 0021-9258.
CY   United States
DT   Journal; Article; (JOURNAL ARTICLE)
LA   English
FS   Priority Journals
EM   200201
ED   Entered STN: 20011204
     Last Updated on STN: 20030105
     Entered Medline: 20020110

L6   ANSWER 15 OF 67      MEDLINE                          DUPLICATE 6
AN   2001389104      MEDLINE
DN   21336655    PubMed ID: 11359773
```

TI A Novel MAPK phosphatase MK[redacted] acts preferentially on JNK/SA[redacted] and p38 alpha and beta MAPKs.
AU Tanoue T; Yamamoto T; Maeda R; Nishida E
CS Department of Biophysics, Graduate School of Science, Kyoto University, Sakyo-ku, Kyoto 606-8502, Japan.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Jul 13) 276 (28) 26629-39.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS **GENBANK**-AB052156
EM 200108
ED Entered STN: 20010820
Last Updated on STN: 20030124
Entered Medline: 20010816

L6 ANSWER 16 OF 67 MEDLINE DUPLICATE 7
AN 2001547072 MEDLINE
DN 21464708 PubMed ID: 11581183
TI CORD9 a new locus for arCRD: mapping to 8p11, estimation of frequency, evaluation of a candidate **gene**.
AU Danciger M; Hendrickson J; Lyon J; Toomes C; McHale J C; Fishman G A; Inglehearn C F; Jacobson S G; Farber D B
CS Jules Stein Eye Institute, Los Angeles, California, USA.. mdancige@lmu.edu
NC EY00331 (NEI)
EY05627 (NEI)
EY08285 (NEI)
SO INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE, (2001 Oct) 42 (11) 2458-65.
Journal code: 7703701. ISSN: 0146-0404.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200110
ED Entered STN: 20011015
Last Updated on STN: 20011022
Entered Medline: 20011018

L6 ANSWER 17 OF 67 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:567010 BIOSIS
DN PREV200100567010
TI Extracellular-regulated kinases in the postmortem brain of depressed suicide victims.
AU Dwivedi, Y. (1); Rizavi, H. (1); Conely, R. R.; Roberts, R. C.; Tamminga, C. A.; Pandey, G. N. (1)
CS (1) Psychiatric Institute, Univ Illinois, Chicago, IL USA
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2075. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience San Diego, California, USA November 10-15, 2001
ISSN: 0190-5295.
DT Conference
LA English
SL English

L6 ANSWER 18 OF 67 MEDLINE DUPLICATE 8
AN 2001370936 MEDLINE
DN 21229758 PubMed ID: 11331420
TI Reduced activation and expression of ERK1/2 MAP kinase in the post-mortem brain of depressed suicide subjects.
AU Dwivedi Y; Rizavi H S; Roberts R C; Conley R C; Tamminga C A; Pandey G N
CS Psychiatric Institute, Department of Psychiatry, University of Illinois at Chicago, 60612, USA.. ydwivedi@psych.uic.edu
NC KO1-01836 (NIMH)
RO1MH5628
SO JOURNAL OF NEUROCHEMISTRY, (2001 May) 77 (3) 916-28.
Journal code: 2985190R. ISSN: 0022-3042.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200106
ED Entered STN: 20010702
Last Updated on STN: 20010702
Entered Medline: 20010628

L6 ANSWER 19 OF 67 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:209906 BIOSIS
DN PREV200200209906
TI High expression of the dual-specificity phosphatase PYST2 in leukocytes derived from AML patients.
AU Levy-Nissenbaum, Orlev (1); Sagi-Assif, Orit (1); Kapon, Dina (1); Hantisteanu, Shay (1); Raanani, Pia; Avigdor, Abraham; Ben-Bassat, Isaac; Witz, Isaac P. (1)
CS (1) Cell Research and Immunology, George S. Wise Faculty of Life Sciences, Tel-Aviv University, Tel Aviv Israel
SO Blood, (November 16, 2001) Vol. 98, No. 11 Part 1, pp. 582a. http://www.bloodjournal.org/. print.
Meeting Info.: 43rd Annual Meeting of the American Society of Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001
ISSN: 0006-4971.
DT Conference
LA English

L6 ANSWER 20 OF 67 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:199106 BIOSIS
DN PREV200200199106
TI A novel MAPK phosphatase **gene**, MKP-7, at chromosome region 12p12.3 has tumor suppressor properties.
AU Hoornaert, Inge (1); Baens, Mathijs (1); Goris, Jozef; Marynen, Peter (1)
CS (1) Department of Human Genetics, Flanders Interuniversity Institute for Biotechnology, Catholic University Leuven, Leuven Belgium
SO Blood, (November 16, 2001) Vol. 98, No. 11 Part 1, pp. 573a. http://www.bloodjournal.org/. print.
Meeting Info.: 43rd Annual Meeting of the American Society of Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001
ISSN: 0006-4971.
DT Conference
LA English

=> D21-30
D21-30 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> D 21-30

L6 ANSWER 21 OF 67 MEDLINE
AN 2001205834 MEDLINE
DN 21138221 PubMed ID: 11239467
TI Solution structure of ERK2 binding domain of MAPK phosphatase MKP-3: structural insights into MKP-3 activation by ERK2.
AU Farooq A; Chaturvedi G; Mujtaba S; Plotnikova O; Zeng L; Dhalluin C; Ashton R; Zhou M M
CS Structural Biology Program, Department of Physiology and Biophysics, Mount Sinai School of Medicine, New York University, New York, NY 10029, USA.
NC CA80938 (NCI)
SO MOLECULAR CELL, (2001 Feb) 7 (2) 387-99.
Journal code: 9802571. ISSN: 1097-2765.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS PDB-1HZM

EM 200104
ED Entered STN: 20010417
Last Updated on STN: 20010417
Entered Medline: 20010412

L6 ANSWER 22 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:629609 HCAPLUS
DN 135:340796
TI A growing family of dual specificity phosphatases with low molecular masses
AU Aoki, Naohito; Aoyama, Koji; Nagata, Miyuki; Matsuda, Tsukasa
CS Department of Applied Molecular Biosciences, Graduate School of Bioagricultural Sciences, Nagoya University, Nagoya, 464-8601, Japan
SO Journal of Biochemistry (Tokyo, Japan) (2001), 130(1), 133-140
CODEN: JOBIAO; ISSN: 0021-924X
PB Japanese Biochemical Society
DT Journal
LA English
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 23 OF 67 MEDLINE
AN 2001437642 MEDLINE
DN 21376127 PubMed ID: 11483362
TI Structural organization of the rat mitogen-activated protein kinase phosphatase 2 **gene**.
AU Zhang T; Choy M; Jo M; Roberson M S
CS Department of Biomedical Sciences, College of Veterinary Medicine, Cornell University, Ithaca, NY 14853, USA.
NC HD34722 (NICHD)
SO GENE, (2001 Jul 25) 273 (1) 71-9.
Journal code: 7706761. ISSN: 0378-1119.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS **GENBANK**-AY028781
EM 200109
ED Entered STN: 20011001
Last Updated on STN: 20011001
Entered Medline: 20010927

L6 ANSWER 24 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:772772 HCAPLUS
DN 133:330559
TI Protein and cDNA sequences of a novel **human** protein DSP-5 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 76 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000065069	A1	20001102	WO 2000-US11665	20000426
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
JP 2002542786	T2	20021217	JP 2000-614403	20000426
PRAI US 1999-131156P	P	19990427		

US 2000-564357 A 2000[redacted]
WO 2000-US11665 W 20000426
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 25 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:772771 HCAPLUS
DN 133:330558
TI Protein and cDNA sequences of a novel **human** protein DSP-10 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000065068	A1	20001102	WO 2000-US10966	20000420
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1173587	A1	20020123	EP 2000-928331	20000420
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002542785	T2	20021217	JP 2000-614402	20000420
US 6551810	B1	20030422	US 2000-557921	20000420
PRAI US 1999-130806P	P	19990423		
WO 2000-US10966	W	20000420		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 26 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:756875 HCAPLUS
DN 133:318308
TI Protein and cDNA sequences of a novel **human** protein DSP-8 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000063393	A1	20001026	WO 2000-US10508	20000419
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1173586	A1	20020123	EP 2000-926122	20000419
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002541852	T2	20021210	JP 2000-612472	20000419

PRAI US 1999-130173P P 1999[redacted]0
WO 2000-US10508 W 20000419
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 27 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:725785 HCAPLUS
DN 133:291978
TI Protein and cDNA sequences of a novel **human** protein DSP-9 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 66 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000060100	A1	20001012	WO 2000-US9321	20000407
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6492157	B1	20021210	US 2000-544716	20000406
EP 1169459	A1	20020109	EP 2000-920216	20000407
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002540796	T2	20021203	JP 2000-609590	20000407

PRAI US 1999-128203P P 19990407
WO 2000-US9321 W 20000407
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 28 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:725784 HCAPLUS
DN 133:306352
TI Protein and cDNA sequences of a novel **human** protein DSP-4 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 63 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000060099	A1	20001012	WO 2000-US9313	20000407
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1171614	A1	20020116	EP 2000-921870	20000407
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002540795	T2	20021203	JP 2000-609589	20000407

PRAI US 1999-128204P P 19990[redacted]
WO 2000-US9313 W 20000407
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 29 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:725783 HCAPLUS
DN 133:291977
TI Protein and cDNA sequences of a novel **human** protein DSP-7 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000060098	A1	20001012	WO 2000-US9257	20000407
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1171613	A1	20020116	EP 2000-921835	20000407
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002540794	T2	20021203	JP 2000-609588	20000407

PRAI US 1999-128207P P 19990407
US 1999-135757P P 19990525
WO 2000-US9257 W 20000407
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 30 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:725778 HCAPLUS
DN 133:291976
TI Protein and cDNA sequences of a novel **human** protein DSP-3 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000060092	A2	20001012	WO 2000-US9185	20000407
WO 2000060092	A3	20010104		
WO 2000060092	C2	20020829		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
WO 2001002581	A1	20010111	WO 2000-US10868	20000420
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,				

CU, CZ, DE, DK, DM, [redacted] EE, ES, FI, GB, GD, GE, GH, [redacted] HR, HU,
ID, IL, IN, IS, JP, [redacted] KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,
ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
WO 2001002582 A1 20010111 WO 2000-US18207 20000629
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,
CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,
ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1999-128225P P 19990407
US 1999-142338P P 19990702
WO 2000-US9185 A 20000407
WO 2000-US10868 A 20000420

=> D 31-40

L6 ANSWER 31 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:688380 HCAPLUS
DN 133:248094
TI Protein and cDNA sequences of a novel **human** protein DSP-2 with **dual**-specificity **MAP** kinase **phosphatase** activity, and therapeutic uses thereof
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 51 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000056899	A1	20000928	WO 2000-US7589	20000322
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1165805	A1	20020102	EP 2000-919530	20000322
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002539792	T2	20021126	JP 2000-606758	20000322

PRAI US 1999-125957P P 19990324
US 2000-527376 A 20000316
WO 2000-US7589 W 20000322
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 32 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:646042 HCAPLUS
DN 133:236826
TI DSP-1 dual-specificity phosphatase
IN Luche, Ralf M.; Wei, Bo
PA Ceptyr, Inc., USA
SO PCT Int. Appl., 74 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000053636	A2	20000914	WO 2000-US6154	20000308
	WO 2000053636	A3	20010215		

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 1999-123255P P 19990308

L6 ANSWER 33 OF 67 WPIDS (C) 2003 THOMSON DERWENT
AN 2000-224319 [19] WPIDS
CR 2000-224353 [19]
DNC C2000-068488
TI Novel transgenic plant having e.g. increased yield or earlier flowering, contains a **gene** encoding a dual-specificity mitogen activated protein kinase phosphatase.
DC C06 D16
IN CHIU, W; SHEEN, J
PA (GEHO) GEN HOSPITAL CORP
CYC 23
PI WO 2000009656 A2 20000224 (200019)* EN 46p C12N000-00
RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
W: AU CA CN JP
AU 9954753 A 20000306 (200030) C12N000-00
US 6548743 B1 20030415 (200329) A01H005-00
ADT WO 2000009656 A2 WO 1999-US18127 19990810; AU 9954753 A AU 1999-54753 19990810; US 6548743 B1 Provisional US 1998-95938P 19980810, Provisional US 1999-115934P 19990114, US 1999-371671 19990810
FDT AU 9954753 A Based on WO 200009656
PRAI US 1999-115934P 19990114; US 1998-95938P 19980810; US 1999-371671 19990810
IC ICM A01H005-00; C12N000-00
ICS A01H005-10; C12N005-04; C12N015-54; C12N015-82

L6 ANSWER 34 OF 67 MEDLINE DUPLICATE 9
AN 2000512046 MEDLINE
DN 20520151 PubMed ID: 11064451
TI CL100/MKP-1 modulates JNK activation and apoptosis in response to cisplatin.
AU Sanchez-Perez I; Martinez-Gomariz M; Williams D; Keyse S M; Perona R
CS Instituto de Investigaciones Biomedicas C.S.I.C.-UAM, C/Arturo Duperier, 4, 28029 Madrid, Spain.
SO ONCOGENE, (2000 Oct 26) 19 (45) 5142-52.
Journal code: 8711562. ISSN: 0950-9232.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200011
ED Entered STN: 20010322
Last Updated on STN: 20010322
Entered Medline: 20001121

L6 ANSWER 35 OF 67 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2000:514704 BIOSIS
DN PREV200000514704
TI Association study on the DUSP6 **gene**: An affective disorder candidate **gene** on 12q23, performed by using fluorescence resonance energy transfer-based melting curve analysis.
AU Toyota, T. (1); Watanabe, A. (1); Shibuya, H.; Nankai, M.; Hattori, E.

(1); Yamada, K. (1); Kurum Karkera, J. D.; Detera-Wadle S. D.; Yoshikawa, T. (1)
CS (1) Laboratory for Molecular Psychiatry, Brain Science Institute, RIKEN, Wako, Saitama, 351-0198 Japan
SO American Journal of Medical Genetics, (August 7, 2000) Vol. 96, No. 4, pp. 570. print.
Meeting Info.: Eigth World Congress on Psychiatric Genetics Versailles, France August 27-31, 2000 International Society of Psychiatric Genetics . ISSN: 0148-7299.
DT Conference
LA English
SL English

L6 ANSWER 36 OF 67 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 10
AN 2000271586 EMBASE
TI Adhesion to fibronectin enhances MKP-1 activation in **human** endothelial cells.
AU Kim F.; Corson M.A.
CS F. Kim, University of Washington, Division of Cardiology, Harborview Medical Center, 325 9th Avenue, Seattle, WA 98104, United States. fkim@u.washington.edu
SO Biochemical and Biophysical Research Communications, (2000) 273/2 (539-545).
Refs: 28
ISSN: 0006-291X CODEN: BBRCA
CY United States
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English

L6 ANSWER 37 OF 67 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 11
AN 2000:483401 BIOSIS
DN PREV200000483401
TI Association study on the DUSP6 **gene**, an affective disorder candidate **gene** on 12q23, performed by using fluorescence resonance energy transfer-based melting curve analysis on the LightCycler.
AU Toyota, T.; Watanabe, A.; Shibuya, H.; Nankai, M.; Hattori, E.; Yamada, K.; Kurumaji, A.; Karkera, J. D.; Detera-Wadleigh, S. D.; Yoshikawa, T. (1)
CS (1) Laboratory for Molecular Psychiatry, Brain Science Institute, RIKEN, 2-1 Hirosawa, Wako, Saitama, 351-0198 Japan
SO Molecular Psychiatry, (September, 2000) Vol. 5, No. 5, pp. 489-494. print.
ISSN: 1359-4184.
DT Article
LA English
SL English

L6 ANSWER 38 OF 67 MEDLINE
AN 2000479780 MEDLINE
DN 20485125 PubMed ID: 11032376
TI Association study on the DUSP6 **gene**, an affective disorder candidate **gene** on 12q23, performed by using fluorescence resonance energy transfer-based melting curve analysis on the LightCycler.
AU Toyota T; Watanabe A; Shibuya H; Nankai M; Hattori E; Yamada K; Kurumaji A; Karkera J D; Detera-Wadleigh S D; Yoshikawa T
CS Laboratory for Molecular Psychiatry, Brain Science Institute, RIKEN, Wako, Saitama, Japan.
SO MOLECULAR PSYCHIATRY, (2000 Sep) 5 (5) 461, 489-94.
Journal code: 9607835. ISSN: 1359-4184.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200102
ED Entered STN: 20010322
Last Updated on STN: 20030318
Entered Medline: 20010201

L6 ANSWER 39 OF 67 MEDLINE
AN 1999403109 MEDLINE
DN 99403109 PubMed ID: 10473620
TI Activation of the protein kinase ERK5/BMK1 by receptor tyrosine kinases. Identification and characterization of a signaling pathway to the **nucleus**.
AU Kamakura S; Moriguchi T; Nishida E
CS Department of Biophysics, Graduate School of Science, Kyoto University, Sakyo-ku, Kyoto 606-8502, Japan.. L50174@sakura.kudpc.kyoto-u.ac.jp
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Sep 10) 274 (37) 26563-71. Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS **GENBANK**-AB019373; **GENBANK**-AB019374
EM 199910
ED Entered STN: 19991014
Last Updated on STN: 20000303
Entered Medline: 19991007

L6 ANSWER 40 OF 67 MEDLINE DUPLICATE 12
AN 1999230321 MEDLINE
DN 99230321 PubMed ID: 10212278
TI Mitogen-activated protein kinase phosphatase-1 (MKP-1) expression is induced by low oxygen conditions found in solid tumor microenvironments. A candidate MKP for the inactivation of hypoxia-inducible stress-activated protein kinase/c-Jun N-terminal protein kinase activity.
AU Laderoute K R; Mendonca H L; Calaoagan J M; Knapp A M; Giaccia A J; Stork P J
CS Pharmaceutical Discovery Division, SRI International, Menlo Park, California 94025, USA.. keith.laderoute@sri.com
NC CA20329 (NCI)
CA67166 (NCI)
CA73807 (NCI)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Apr 30) 274 (18) 12890-7. Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199906
ED Entered STN: 19990614
Last Updated on STN: 20021015
Entered Medline: 19990603

=> D 41-50

L6 ANSWER 41 OF 67 MEDLINE DUPLICATE 13
AN 1999223488 MEDLINE
DN 99223488 PubMed ID: 10206983
TI Inhibition of T cell signaling by mitogen-activated protein kinase-targeted hematopoietic tyrosine phosphatase (HePTP).
AU Saxena M; Williams S; Brockdorff J; Gilman J; Mustelin T
CS Division of Cell Biology, La Jolla Institute for Allergy and Immunology, San Diego, California 92121, USA.
NC AI35603 (NIAID)
AI41481 (NIAID)
GM48960 (NIGMS)
+
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Apr 23) 274 (17) 11693-700. Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199905

ED Entered STN: 19990601
Last Updated on STN: 19990601
Entered Medline: 19990520

L6 ANSWER 42 OF 67 MEDLINE DUPLICATE 14
AN 1999147032 MEDLINE
DN 99147032 PubMed ID: 10022884
TI All-trans-retinoic acid inhibits Jun N-terminal kinase by increasing dual-specificity phosphatase activity.
AU Lee H Y; Sueoka N; Hong W K; Mangelsdorf D J; Claret F X; Kurie J M
CS Departments of Thoracic/Head and Neck Medical Oncology, University of Texas- M. D. Anderson Cancer Center, Houston, Texas 77030, USA.
NC P50 CA70907 (NCI)
R29 CA67353 (NCI)
SO MOLECULAR AND CELLULAR BIOLOGY, (1999 Mar) 19 (3) 1973-80.
Journal code: 8109087. ISSN: 0270-7306.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199903
ED Entered STN: 19990402
Last Updated on STN: 19990402
Entered Medline: 19990325

L6 ANSWER 43 OF 67 MEDLINE DUPLICATE 15
AN 1999330553 MEDLINE
DN 99330553 PubMed ID: 10400993
TI PTEN mutation spectrum and **genotype**-phenotype correlations in Bannayan-Riley-Ruvalcaba syndrome suggest a single entity with Cowden syndrome.
AU Marsh D J; Kum J B; Lunetta K L; Bennett M J; Gorlin R J; Ahmed S F; Bodurtha J; Crowe C; Curtis M A; Dasouki M; Dunn T; Feit H; Geraghty M T; Graham J M Jr; Hodgson S V; Hunter A; Korf B R; Manchester D; Miesfeldt S; Murday V A; Nathanson K L; Parisi M; Pober B; Romano C; Eng C; +
CS Clinical Cancer Genetics and Human Cancer Genetics Programs, Ohio State University Comprehensive Cancer Center, 690C Medical Research Facility, 420 West 12th Avenue, Columbus, OH 43210, USA.
NC P30 CA16058 (NCI)
SO HUMAN MOLECULAR GENETICS, (1999 Aug) 8 (8) 1461-72.
Journal code: 9208958. ISSN: 0964-6906.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199909
ED Entered STN: 19990925
Last Updated on STN: 19990925
Entered Medline: 19990914

L6 ANSWER 44 OF 67 MEDLINE DUPLICATE 16
AN 1998148061 MEDLINE
DN 98148061 PubMed ID: 9478967
TI Enhancement of fibroblast collagenase (matrix metalloproteinase-1) **gene** expression by ceramide is mediated by extracellular signal-regulated and stress-activated protein kinase pathways.
AU Reunanen N; Westermarck J; Hakkinen L; Holmstrom T H; Elo I; Eriksson J E; Kahari V M
CS Department of Dermatology, Turku University Central Hospital, FIN-20520 Turku, Finland.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Feb 27) 273 (9) 5137-45.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Space Life Sciences
EM 199803
ED Entered STN: 19980407
Last Updated on STN: 20000303

Entered Medline: 19980325

L6 ANSWER 45 OF 67 MEDLINE DUPLICATE 17
AN 1999007190 MEDLINE
DN 99007190 PubMed ID: 9788880
TI Isolation of the **human genes** encoding the pyst1 and Pyst2 phosphatases: characterisation of Pyst2 as a cytosolic **dual**-specificity **MAP** kinase **phosphatase** and its catalytic activation by both MAP and SAP kinases.
AU Dowd S; Sneddon A A; Keyse S M
CS ICRF Molecular Pharmacology Unit, Biomedical Research Centre, Ninewells Hospital, Dundee DD1 9SY, Scotland, UK.
SO JOURNAL OF CELL SCIENCE, (1998 Nov) 111 (Pt 22) 3389-99.
Journal code: 0052457. ISSN: 0021-9533.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199901
ED Entered STN: 19990202
Last Updated on STN: 20000303
Entered Medline: 19990121

L6 ANSWER 46 OF 67 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.
AN 1998359623 EMBASE
TI Germline PTEN mutations in Cowden syndrome-like families.
AU Marsh D.J.; Dahia P.L.M.; Caron S.; Kum J.B.; Frayling I.M.; Tomlinson I.P.M.; Hughes K.S.; Eeles R.A.; Hodgson S.V.; Murday V.A.; Houlston R.; Eng C.
CS Dr. C. Eng, Human Cancer Genetics Program, Ohio State University, Comprehensive Cancer Center, 420 W 12th Avenue, Columbus, OH 43210, United States
SO Journal of Medical Genetics, (1998) 35/11 (881-885).
Refs: 42
ISSN: 0022-2593 CODEN: JMDGAE
CY United Kingdom
DT Journal; Article
FS 005 General Pathology and Pathological Anatomy
016 Cancer
022 Human Genetics
LA English
SL English

L6 ANSWER 47 OF 67 MEDLINE
AN 1999155801 MEDLINE
DN 99155801 PubMed ID: 10036776
TI Identification of a **dual**-specificity protein **phosphatase** that inactivates a **MAP** kinase from Arabidopsis.
AU Gupta R; Huang Y; Kieber J; Luan S
CS Department of Plant and Microbial Biology, University of California at Berkeley 94720, USA.
SO PLANT JOURNAL, (1998 Dec) 16 (5) 581-9.
Journal code: 9207397. ISSN: 0960-7412.
(Investigators: Evans M L, OH St U, Columbus)
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Space Life Sciences
OS **GENBANK**-Y18620
EM 199903
ED Entered STN: 19990402
Last Updated on STN: 20020201
Entered Medline: 19990325

L6 ANSWER 48 OF 67 MEDLINE DUPLICATE 18
AN 1999120524 MEDLINE
DN 99120524 PubMed ID: 9923649
TI Enhancement of fibroblast collagenase-1 (MMP-1) **gene** expression by tumor promoter okadaic acid is mediated by stress-activated protein

kinases Jun N-terminal kinase and p38.
AU Westermarck J; Holmstrom T; Ahonen M; Eriksson J E; Kahari V M
CS Department of Medical Biochemistry, University of Turku, Finland.
SO MATRIX BIOLOGY, (1998 Dec) 17 (8-9) 547-57.
Journal code: 9432592. ISSN: 0945-053X.
CY GERMANY: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199904
ED Entered STN: 19990426
Last Updated on STN: 20000303
Entered Medline: 19990413

L6 ANSWER 49 OF 67 MEDLINE DUPLICATE 19
AN 1998406169 MEDLINE
DN 98406169 PubMed ID: 9733650
TI A model of Cdc25 phosphatase catalytic domain and Cdk-interaction surface based on the presence of a rhodanese homology domain.
AU Hofmann K; Bucher P; Kajava A V
CS Bioinformatics Group, Swiss Institute for Experimental Cancer Research, Chemin des Boveresses 155, Epalinges, CH-1066, Switzerland.. Kay.Hofmann@memorec.com
SO JOURNAL OF MOLECULAR BIOLOGY, (1998 Sep 11) 282 (1) 195-208.
Journal code: 2985088R. ISSN: 0022-2836.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199810
ED Entered STN: 19981021
Last Updated on STN: 20000303
Entered Medline: 19981015

L6 ANSWER 50 OF 67 MEDLINE DUPLICATE 20
AN 1999077745 MEDLINE
DN 99077745 PubMed ID: 9858808
TI **Genomic** analysis of DUSP6, a **dual** specificity **MAP** kinase **phosphatase**, in pancreatic cancer.
AU Furukawa T; Yatsuoka T; Youssef E M; Abe T; Yokoyama T; Fukushige S; Soeda E; Hoshi M; Hayashi Y; Sunamura M; Kobari M; Horii A
CS Molecular Pathology, Tohoku University School of Medicine, Sendai; (Japan).
SO CYTOGENETICS AND CELL GENETICS, (1998) 82 (3-4) 156-9.
Journal code: 0367735. ISSN: 0301-0171.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS **GENBANK**-AB013382; **GENBANK**-AB013383; **GENBANK**-AB013600; **GENBANK**-AB013601; **GENBANK**-AB013602
EM 199902
ED Entered STN: 19990216
Last Updated on STN: 20000303
Entered Medline: 19990201

=> D 51-60

L6 ANSWER 51 OF 67 MEDLINE
AN 1998261775 MEDLINE
DN 98261775 PubMed ID: 9599409
TI Protein phosphatases and the regulation of MAP kinase activity.
AU Keyse S M
CS ICRF Molecular Pharmacology, Ninewells Hospital, Dundee, Scotland, UK.
SO SEMINARS IN CELL AND DEVELOPMENTAL BIOLOGY, (1998 Apr) 9 (2) 143-52. Ref: 72
Journal code: 9607332. ISSN: 1084-9521.
CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 199807
ED Entered STN: 19980811
Last Updated on STN: 19980811
Entered Medline: 19980729

L6 ANSWER 52 OF 67 MEDLINE
AN 1998364306 MEDLINE
DN 98364306 PubMed ID: 9699150
TI Hippocampal plasticity involves extensive **gene** induction and multiple cellular mechanisms.
AU Hevroni D; Rattner A; Bundman M; Lederfein D; Gabarah A; Mangelus M; Silverman M A; Kedar H; Naor C; Kornuc M; Hanoch T; Seger R; Theill L E; Nedivi E; Richter-Levin G; Citri Y
CS Department of Hormone Research, Weizmann Institute of Science, Rehovot, Israel..
SO JOURNAL OF MOLECULAR NEUROSCIENCE, (1998 Apr) 10 (2) 75-98. Ref: 130
Journal code: 9002991. ISSN: 0895-8696.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, ACADEMIC)
LA English
FS Priority Journals
OS **GENBANK**-U78857; **GENBANK**-U78875
EM 199810
ED Entered STN: 19981029
Last Updated on STN: 19981029
Entered Medline: 19981020

L6 ANSWER 53 OF 67 MEDLINE DUPLICATE 21
AN 1998105253 MEDLINE
DN 98105253 PubMed ID: 9443042
TI Allelic imbalance, including deletion of PTEN/MMACI, at the Cowden disease locus on 10q22-23, in hamartomas from patients with Cowden syndrome and germline PTEN mutation.
AU Marsh D J; Dahia P L; Coulon V; Zheng Z; Dorion-Bonnet F; Call K M; Little R; Lin A Y; Eeles R A; Goldstein A M; Hodgson S V; Richardson A L; Robinson B G; Weber H C; Longy M; Eng C
CS Department of Adult Oncology, Dana-Farber Cancer Institute, Boston, Massachusetts, USA.
SO GENES, CHROMOSOMES AND CANCER, (1998 Jan) 21 (1) 61-9.
Journal code: 9007329. ISSN: 1045-2257.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199802
ED Entered STN: 19980224
Last Updated on STN: 19980224
Entered Medline: 19980212

L6 ANSWER 54 OF 67 MEDLINE DUPLICATE 22
AN 1998389481 MEDLINE
DN 98389481 PubMed ID: 9724088
TI Peripheral T lymphocytes from women with breast cancer exhibit abnormal protein expression of several signaling molecules.
AU Kurt R A; Urba W J; Smith J W; Schoof D D
CS Laboratory of Cellular Immunology, Robert W. Franz Cancer Research Center, Earle A. Chiles Research Institute, Portland, OR, USA..
Robert_Kurt@phsor.org
SO INTERNATIONAL JOURNAL OF CANCER, (1998 Sep 25) 78 (1) 16-20.
Journal code: 0042124. ISSN: 0020-7136.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)

LA English
FS Priority Journals
EM 199809
ED Entered STN: 19980917
Last Updated on STN: 19980917
Entered Medline: 19980908

L6 ANSWER 55 OF 67 WPIDS (C) 2003 THOMSON DERWENT
AN 1997-154253 [14] WPIDS
DNC C1997-049362
TI Murine mitogen activated protein (**MAP**) kinase **phosphatase** M3/6 - is a suspected **dual** specificity Thr-Tyr phosphatase, useful for diagnosing and treating neuro-degenerative or proliferative diseases e.g. tumours.
DC B04 D16
IN DAVIES, K E; THEODOSIOU, A
PA (MEDI-N) MEDICAL RES COUNCIL
CYC 71
PI WO 9706245 A1 19970220 (199714)* EN 51p C12N009-00
RW: AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG
W: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN
AU 9666649 A 19970305 (199726) C12N009-00
ADT WO 9706245 A1 WO 1996-GB1906 19960805; AU 9666649 A AU 1996-66649 19960805
FDT AU 9666649 A Based on WO 9706245
PRAI GB 1995-16059 19950804
IC ICM C12N009-00

L6 ANSWER 56 OF 67 MEDLINE DUPLICATE 23
AN 97347495 MEDLINE
DN 97347495 PubMed ID: 9202001
TI Conditional expression of the mitogen-activated protein kinase (MAPK) phosphatase MKP-1 preferentially inhibits p38 MAPK and stress-activated protein kinase in U937 cells.
AU Franklin C C; Kraft A S
CS Department of Medicine, Division of Medical Oncology, University of Colorado Health Sciences Center, Denver, Colorado 80262, USA.. chris.franklin@uchsc.edu
NC CA42533 (NCI)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Jul 4) 272 (27) 16917-23. Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199707
ED Entered STN: 19970812
Last Updated on STN: 20000303
Entered Medline: 19970731

L6 ANSWER 57 OF 67 MEDLINE DUPLICATE 24
AN 97184169 MEDLINE
DN 97184169 PubMed ID: 9030581
TI Molecular cloning and functional characterization of a novel mitogen-activated protein kinase phosphatase, MKP-4.
AU Muda M; Boschert U; Smith A; Antonsson B; Gillieron C; Chabert C; Camps M; Martinou I; Ashworth A; Arkinstall S
CS Geneva Biomedical Research Institute, Glaxo Wellcome Research and Development S.A., CH-1228 Plan-les-Ouates, Geneva, Switzerland.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Feb 21) 272 (8) 5141-51. Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS **GENBANK**-Y08302
EM 199704

ED Entered STN: 19970414
Last Updated on STN: 19970414
Entered Medline: 19970403

L6 ANSWER 58 OF 67 MEDLINE DUPLICATE 25
AN 1998062335 MEDLINE
DN 98062335 PubMed ID: 9398674
TI Derepressed hyphal growth and reduced virulence in a VH1 family-related protein phosphatase mutant of the **human** pathogen Candida albicans.
AU Csank C; Makris C; Meloche S; Schroppel K; Rollinghoff M; Dignard D; Thomas D Y; Whiteway M
CS Centre de Recherche, Hotel-Dieu de Montreal and Department of Pharmacology, University of Montreal, Montreal, Quebec, Canada H2W 1T8.
SO MOLECULAR BIOLOGY OF THE CELL, (1997 Dec) 8 (12) 2539-51.
Journal code: 9201390. ISSN: 1059-1524.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS **GENBANK**-L01038
EM 200007
ED Entered STN: 20000811
Last Updated on STN: 20030206
Entered Medline: 20000728

L6 ANSWER 59 OF 67 MEDLINE DUPLICATE 26
AN 97349124 MEDLINE
DN 97349124 PubMed ID: 9205128
TI Chromosomal localization of three **human** dual specificity phosphatase **genes** (DUSP4, DUSP6, and DUSP7).
AU Smith A; Price C; Cullen M; Muda M; King A; Ozanne B; Arkinstall S; Ashworth A
CS Cancer Research Campaign Centre for Cell and Molecular Biology, Chester Beatty Laboratories, The Institute of Cancer Research, London, United Kingdom.
SO GENOMICS, (1997 Jun 15) 42 (3) 524-7.
Journal code: 8800135. ISSN: 0888-7543.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS **GENBANK**-R85633; **GENBANK**-T09370; **GENBANK**-T15892; **GENBANK**-T65624
EM 199709
ED Entered STN: 19970916
Last Updated on STN: 19970916
Entered Medline: 19970902

L6 ANSWER 60 OF 67 MEDLINE DUPLICATE 27
AN 96312959 MEDLINE
DN 96312959 PubMed ID: 8670865
TI Differential regulation of the MAP, SAP and RK/p38 kinases by Pyst1, a novel cytosolic dual-specificity phosphatase.
AU Groom L A; Sneddon A A; Alessi D R; Dowd S; Keyse S M
CS ICRF Molecular Pharmacology Unit, Ninewells Hospital, Dundee, UK.
SO EMBO JOURNAL, (1996 Jul 15) 15 (14) 3621-32.
Journal code: 8208664. ISSN: 0261-4189.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS **GENBANK**-X93920; **GENBANK**-X93921
EM 199609
ED Entered STN: 19960924
Last Updated on STN: 20000303
Entered Medline: 19960916

=> D 61-67

L6 ANSWER 61 OF 67 MEDLINE DUPLICATE 28
AN 96075524 MEDLINE
DN 96075524 PubMed ID: 7585624
TI Mitogen-activated protein kinase acts as a negative regulator of the heat shock response in NIH3T3 cells.
AU Mivechi N F; Giaccia A J
CS Department of Radiation Oncology, Stanford University School of Medicine, California 94305, USA.
NC CA 58838 (NCI)
CA 59053 (NCI)
SO CANCER RESEARCH, (1995 Dec 1) 55 (23) 5512-9.
Journal code: 2984705R. ISSN: 0008-5472.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199512
ED Entered STN: 19960124
Last Updated on STN: 20000303
Entered Medline: 19951214

L6 ANSWER 62 OF 67 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 29
AN 95085875 EMBASE
DN 1995085875
TI An emerging family of **dual** specificity **MAP** kinase **phosphatases**.
AU Keyse S.M.
CS ICRF Molecular Pharmacology Unit, Biomedical Research Centre, Ninewells Hospital,Dundee DD1 9SY, United Kingdom
SO Biochimica et Biophysica Acta - Molecular Cell Research, (1995) 1265/2-3 (152-160).
ISSN: 0167-4889 CODEN: BAMRDP
CY Netherlands
DT Journal; General Review
FS 029 Clinical Biochemistry
LA English

L6 ANSWER 63 OF 67 MEDLINE DUPLICATE 30
AN 96070437 MEDLINE
DN 96070437 PubMed ID: 7590752
TI **Genomic** organization and chromosomal localization of the DUSP2 **gene**, encoding a MAP kinase phosphatase, to **human** 2p11.2-q11.
AU Yi H; Morton C C; Weremowicz S; McBride O W; Kelly K
CS Laboratory of Biochemistry, National Cancer Institute, National Institutes of Health, Bethesda, Maryland 20892, USA.
SO GENOMICS, (1995 Jul 1) 28 (1) 92-6.
Journal code: 8800135. ISSN: 0888-7543.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS **GENBANK**-U23853
EM 199512
ED Entered STN: 19960124
Last Updated on STN: 19980206
Entered Medline: 19951204

L6 ANSWER 64 OF 67 MEDLINE DUPLICATE 31
AN 94222414 MEDLINE
DN 94222414 PubMed ID: 8168826
TI The CL100 ***gene*** , which encodes a **dual** specificity (Tyr/Thr) **MAP** kinase **phosphatase**, is highly conserved and **maps** to **human** chromosome 5q34.
AU Emslie E A; Jones T A; Sheer D; Keyse S M
CS ICRF Molecular Pharmacology Unit, Ninewells Hospital, Dundee, UK.
SO HUMAN GENETICS, (1994 May) 93 (5) 513-6.

Journal code: 7613873. ISSN 0340-6717.
CY GERMANY: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199406
ED Entered STN: 19940613
Last Updated on STN: 19940613
Entered Medline: 19940602

L6 ANSWER 65 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 1995:952485 HCAPLUS
DN 124:22615
TI Oxidative stress and heat shock induce the expression of the **human** CL100 ***gene*** , which encodes a **dual** specificity (Thr/Tyr) **MAP** kinase **phosphatase**
AU Sneddon, Alan A.; Lewis, Tom A.; Smythe, Carl; Alessi, Dario R.; Keyse, Stephen M.
CS Biomedical Research Centre, Ninewells Hospital, Dundee, DD1 9SY, UK
SO Advances in Protein Phosphatases (1994), 8, 69-85
CODEN: APPHE3; ISSN: 0775-051X
PB Leuven University Press
DT Journal; General Review
LA English

L6 ANSWER 66 OF 67 MEDLINE DUPLICATE 32
AN 93288417 MEDLINE
DN 93288417 PubMed ID: 8390041
TI The **human** CL100 **gene** encodes a Tyr/Thr-protein phosphatase which potently and specifically inactivates MAP kinase and suppresses its activation by oncogenic ras in Xenopus oocyte extracts.
AU Alessi D R; Smythe C; Keyse S M
CS Department of Biochemistry, The University, Dundee.
SO ONCOGENE, (1993 Jul) 8 (7) 2015-20.
Journal code: 8711562. ISSN: 0950-9232.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199307
ED Entered STN: 19930723
Last Updated on STN: 19980206
Entered Medline: 19930709

L6 ANSWER 67 OF 67 HCAPLUS COPYRIGHT 2003 ACS
AN 1994:26325 HCAPLUS
DN 120:26325
TI Amino acid sequence similarity between CL100, a **dual**-specificity **MAP** kinase **phosphatase** and cdc25
AU Keyse, Stephen M.; Ginsburg, Michelle
CS Biomed. Res. Cent., Ninewells Hosp., Dundee, DD1 9SY, UK
SO Trends in Biochemical Sciences (1993), 18(10), 377-8
CODEN: TBSCDB; ISSN: 0376-5067
DT Journal
LA English

=> S LUCHE, ?/AU
L7 698 LUCHE, ?/AU

=> S L7 AN L5
MISSING OPERATOR L7 AN
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> S L7 AND L5
L8 16 L7 AND L5

=> S L8 NOT L6

```
L9            0 L8 NOT L6

=> DL8
DL8 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> D L8

L8   ANSWER 1 OF 16  HCAPLUS  COPYRIGHT 2003 ACS
AN   2002:256483  HCAPLUS
DN   136:290009
TI   Protein and cDNA sequences of a novel human protein DSP-16 with
     dual-specificity MAP kinase phosphatase
     activity, and therapeutic uses thereof
IN   Luche, Ralf M.; Wei, Bo
PA   Ceptyr, Inc., USA
SO   PCT Int. Appl., 87 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.         KIND  DATE           APPLICATION NO.  DATE
     ---------------    ----  --------       ---------------  --------
PI   WO 2002026997      A2    20020404       WO 2001-US30124  20010925
     WO 2002026997      A3    20030109
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,
             PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
             US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
             DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
             BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     AU 2001094744      A5    20020408       AU 2001-94744    20010925
     US 2002137170      A1    20020926       US 2001-964277   20010925
PRAI US 2000-235487P    P     20000926
     WO 2001-US30124    W     20010925


=> DIS HIS

     (FILE 'HOME' ENTERED AT 16:39:47 ON 27 JUN 2003)

     FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,
     NTIS, ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 16:40:01 ON 27 JUN 2003
L1          3545 S DUAL (5A) PHOSPHATASE
L2           590 S L1 (5A) MAP?
L3           229 S L2 AND HUMAN
L4           188 S L3 (5A)(DNA OR RECOMBINANT OR GENE?)
L5           203 S L3 (5A)(DNA OR RECOMBINANT OR GEN? OR NUCLE?)
L6            67 DUP REM L5 (136 DUPLICATES REMOVED)
L7           698 S LUCHE, ?/AU
L8            16 S L7 AND L5
L9             0 S L8 NOT L6

=> LOG H
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                              106.18     106.39

 SESSION WILL BE HELD FOR 60 MINUTES
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